



# United States Department of the Interior

## BUREAU OF RECLAMATION

Great Plains Region

Montana Area Office

P.O. Box 30137

Billings, Montana 59107-0137



IN REPLY REFER TO: MT-450

July 10, 2014

### **FAXOGRAM: Water Order Change**

To: Chief, Power Supply and Billing Division, WAPA, Watertown, South Dakota  
Attention: F-6300  
Chief, Power Dispatching Branch, WAPA, Loveland, Colorado  
Attention: J-4120  
Facilities Manager, Helena, Montana  
Attention: MT-800, MT-810, MT-831  
Project Manager, Mills, Wyoming  
Attention: WY-4000, WY-4100, WY-6400  
PPL Energy Plus, LLC, Butte, Montana  
Attention: Resource Coordinator, Deb Mallowney

From: Reservoir and River Operations, Billings, Montana /S/ Stephanie Micek

Subject: **Canyon Ferry Water Release Order - CFR No. 14-40**

#### **CURRENT RESERVOIR CONDITIONS:**

Elevation: 3797.53; Storage: 1,909,595 acre-feet; River Release: 6,700 cfs; Inflow: 5,800 cfs;

#### **GENERAL COMMENTS:**

Inflows into Canyon Ferry are declining while releases continue to evacuate storage out of the exclusive flood pool. To balance the rate of evacuation and flow reductions, the following operation change is required at Canyon Ferry Dam and Powerplant.

#### **CANYON FERRY RELEASES AND OPERATIONS: Times are Mountain Daylight Savings Time (MDST)**

##### **At 0900 hour on Friday, July 11, 2014:**

*Decrease releases through the river outlet gates to 930 cfs.  
Maintain releases through the spillway gates at 0 cfs.  
Maintain turbine release at  $\approx 4,900$  cfs ( $\approx 1,303$  MW-Hrs/day using 90.2 cfs/mw).  
Maintain release for Helena Valley Project at 670 cfs (340 cfs pumped to Helena Valley and 330 cfs discharged to the Missouri River).  
Decrease release to the Missouri River to 6,160 cfs.  
Decrease total release from Canyon Ferry to 6,500 cfs.*

##### **At 0900 hour on Saturday, July 12, 2014:**

*Decrease releases through the river outlet gates to 430 cfs.  
Maintain releases through the spillway gates at 0 cfs.  
Maintain turbine release at  $\approx 4,900$  cfs ( $\approx 1,303$  MW-Hrs/day using 90.2 cfs/mw).  
Maintain release for Helena Valley Project at 670 cfs (340 cfs pumped to Helena Valley and 330 cfs discharged to the Missouri River).  
Decrease release to the Missouri River to 5,660 cfs.  
Decrease total release from Canyon Ferry to 6,000 cfs.*

##### **At 0900 hour on Sunday, July 13, 2014:**

*Decrease releases through the river outlet gates to 0 cfs.  
Maintain releases through the spillway gates at 0 cfs.  
Decrease turbine release to  $\approx 4,830$  cfs ( $\approx 1,303$  MW-Hrs/day using 90.2 cfs/mw).  
Maintain release for Helena Valley Project at 670 cfs (340 cfs pumped to Helena Valley and 330 cfs discharged to the Missouri River).  
Decrease release to the Missouri River to 5,160 cfs.  
Decrease total release from Canyon Ferry to 5,500 cfs.*

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**At 0100 hour on Monday, July 14, 2014:**

*Maintain releases through the river outlet gates at 0 cfs.*

*Maintain releases through the spillway gates at 0 cfs.*

*Decrease turbine release to  $\approx 4,330$  cfs ( $\approx 1,303$  MW-Hrs/day using 90.2 cfs/mw).*

*Maintain release for Helena Valley Project at 670 cfs (340 cfs pumped to Helena Valley and 330 cfs discharged to the Missouri River).*

*Decrease release to the Missouri River to 4,660 cfs.*

*Decrease total release from Canyon Ferry to 5,000 cfs.*